

Converting Colors

XYZ(75.4964, 79.2125, 87.2769)

Have a look what the booklet for
XYZ(75.4964, 79.2125, 87.2769)
contains.

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Color

**XYZ(75.3537, 79.1861,
86.9142)**

Conversions

Conversions Part 1	
Format	Color
Hex	E6E6E7
RGB	230, 230, 231
RGB Percent	90%, 90%, 91%
CMY	0.0980, 0.0980, 0.0941
CMYK	0.00, 0.00, 0.00, 0.09
HSL	240°, 2%, 90%
HSV	240°, 0%, 91%
XYZ	75.3537, 79.1861, 86.9142
YIQ	230.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

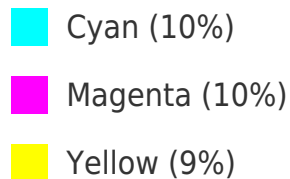
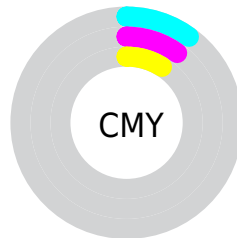
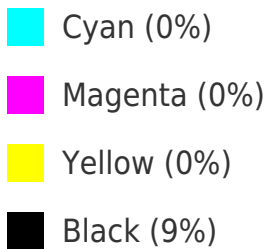
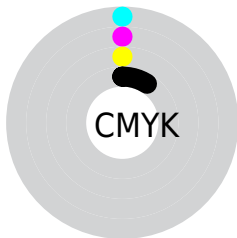
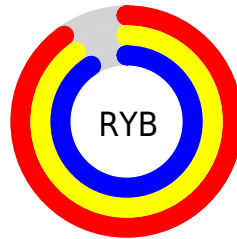
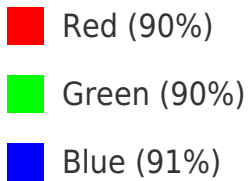
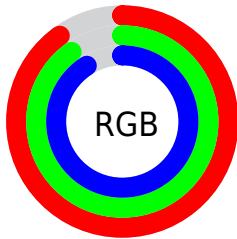
Format	Color
RYB	230, 230, 231
Decimal	15132391
CIELab	91.32, 0.18, -0.50
CIELCh	91, 0.528, 290.353
Yxy	79.1861, 0.3121, 0.3280
Android (android.graphics.Color)	4293322471 (0xFFE6E6E7)
YUV	230.1140, 0.4368, -0.1000
Hunter-Lab	88.9866, -4.5730, 4.3814

Details

The XYZ color 75.3537, 79.1861, 86.9142 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 75.8139, 79.8529, 86.2813, and the grayscale version is 75.2971, 79.2184, 86.2688.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 40.7470, 42.8690, 46.6844 is the 20% darker color. If you saturate the color by 10%, you get 62.4409, 63.6454, 84.5963, and if you desaturate by 10%, it is 90.0984, 96.9301, 89.5632.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3537, 79.1861, 86.9142 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.3537, 79.1861, 86.9142 by changing the saturation by 10% instead.


 75.3537, 79.1861,
86.9142

 75.3537, 79.1861,
86.9142


468.1109,
492.1857, 538.2498

 56.1979, 59.0488,
64.8650


125.7981,
132.2208, 144.9424

 40.5992, 42.6524,
46.9010


157.8175,
165.8871, 181.7584

 28.1924, 29.6125,
32.6036


194.8554,
204.8317, 224.3338

 18.6119, 19.5447,
21.5543

237.2773,
249.4393, 273.0870

 11.4925, 12.0645,
13.3346

285.4484,
300.0940, 328.4367

 6.4689, 6.7876,
7.5259

339.7341,


 3.1756, 3.3296,


357.1804, 390.8014


3.7097


400.4998,
421.0829, 460.5995


 1.2473, 1.3062,
1.4675


 0.1432, 0.1460,
0.1935


 75.3537, 79.1861,
86.9142


 75.3537, 79.1861,
86.9142


 62.4409, 63.6454,
84.5963

 90.0984, 96.9301,
89.5632

 51.2820, 50.2123,
82.5916

 91.4240, 98.5496,
89.8059

 41.8036, 38.7993,
80.8882

 33.9242, 29.3087,
79.4716

■ 27.5558, 21.6347,
78.3261

■ 22.6017, 15.6615,
77.4342

■ 18.9541, 11.2597,
76.7769

■ 16.4899, 8.2817,
76.3319

■ 15.0623, 6.5516,
76.0732

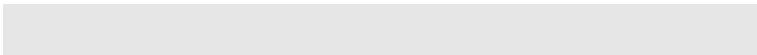
Harmonies

Analogous

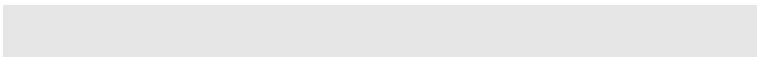
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2208, 79.1861, 86.9500



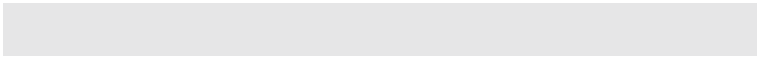
75.3537, 79.1861, 86.9142



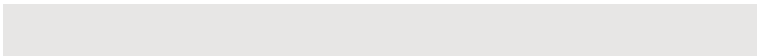
75.4627, 79.1861, 86.6921

Triad

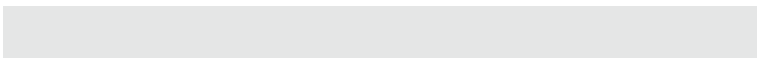
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3537, 79.1861, 86.9142



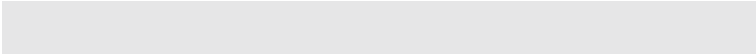
75.4286, 79.1861, 85.6530



75.0102, 79.1861, 86.0965

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



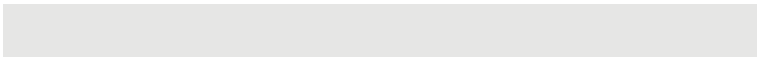
75.3537, 79.1861, 86.9142



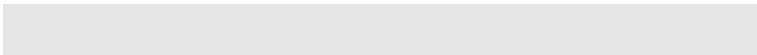
75.8139, 79.8529, 86.2813

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0657, 79.1861, 85.7500



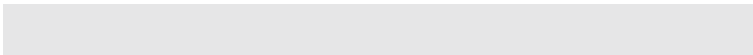
75.3537, 79.1861, 86.9142



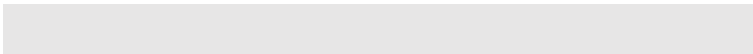
75.3072, 79.1861, 85.4945

Square

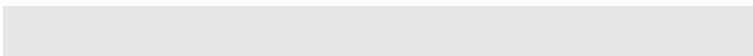
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



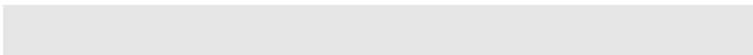
75.3537, 79.1861, 86.9142



75.5059, 79.1861, 85.9637



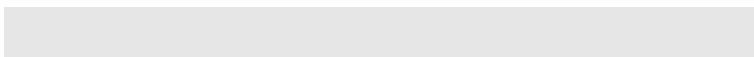
75.1744, 79.1861, 85.5299



75.0226, 79.1861, 86.4772

Rectangle

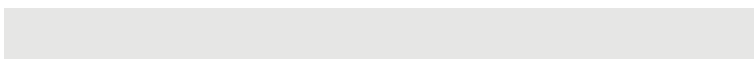
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



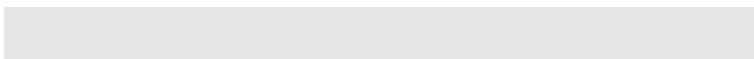
75.3537, 79.1861, 86.9142



75.5070, 79.1861, 86.4687



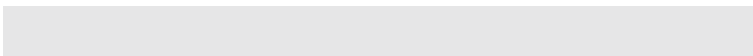
75.1744, 79.1861, 85.5299



75.0215, 79.1861, 85.9722

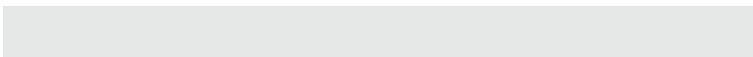
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.3559, 79.1895, 86.9159

95.0500, 100.0000, 108.9000



75.6316, 79.7446, 86.9962



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3559, 79.1895, 86.9159



93.3132, 97.9098, 108.5881



75.5102, 79.2674, 86.9228



15.9411, 16.7290, 18.5332



8.0940, 3.2500, 42.5839



0.5998, 0.2435, 3.1473

Inverse Universe

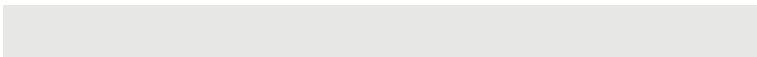
The Inverse Universe completely reimagines the original color for something new.



75.5364, 79.2971, 86.1916



93.8356, 98.2213, 106.4912



75.6592, 79.7748, 86.2744



16.0249, 16.7790, 18.1967



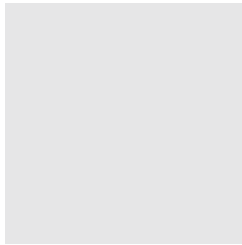
18.4790, 9.5258, 0.8852



1.3664, 0.7043, 0.0698

Previews

White Background



This preview shows how the XYZ color 75.3537, 79.1861, 86.9142 looks on a white background.

Color Contrast Check

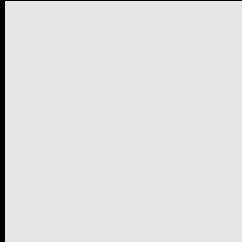
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.3537, 79.1861, 86.9142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

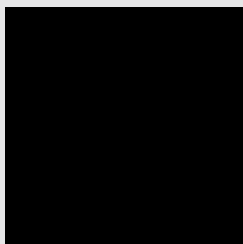
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

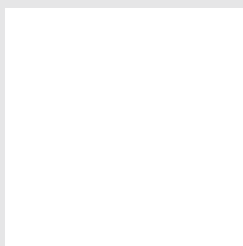
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3537, 79.1861, 86.9142

Background



This preview shows how black text looks on a background with the XYZ color 75.3537, 79.1861, 86.9142.

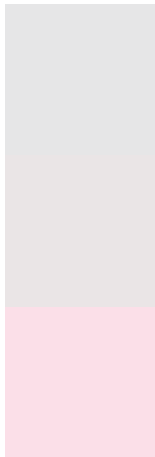


This preview shows how white text looks on a background with the XYZ color 75.3537, 79.1861,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.3537, 79.1861, 86.9142

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

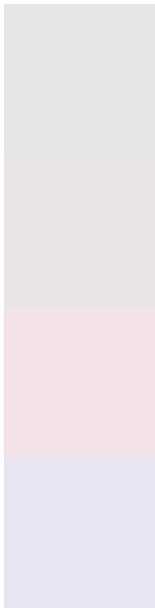
80.7368, 79.1108, 87.3585



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



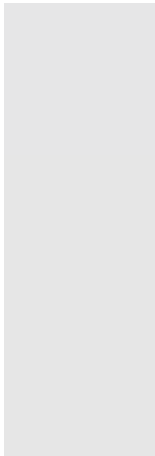
Original Color
75.3537, 79.1861, 86.9142

Protanomaly
75.9065, 79.0754, 86.1253

Deuteranomaly
78.7240, 79.2736, 87.4961

Tritanomaly
76.8515, 79.3784, 94.4901

Monochromacy



Original Color
75.3537, 79.1861, 86.9142

Achromatopsia
75.2129, 79.1298, 86.1723

Achromatomaly
75.2129, 79.1298, 86.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3537, 79.1861, 86.9142 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(230, 230, 231) looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 231)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.3537, 79.1861, 86.9142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 230, 231) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(230, 230, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(230, 230, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
231) }
```


Background

The CSS property to change the background color of an element to XYZ 75.3537, 79.1861, 86.9142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 231) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
230, 231) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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